

SYNCHRONIZER APPARATUS FOR  
 SYNCHRONIZING DATA FROM ONE CLOCK  
 DOMAIN TO ANOTHER CLOCK DOMAIN  
 Inventor: Richard L. Duncan

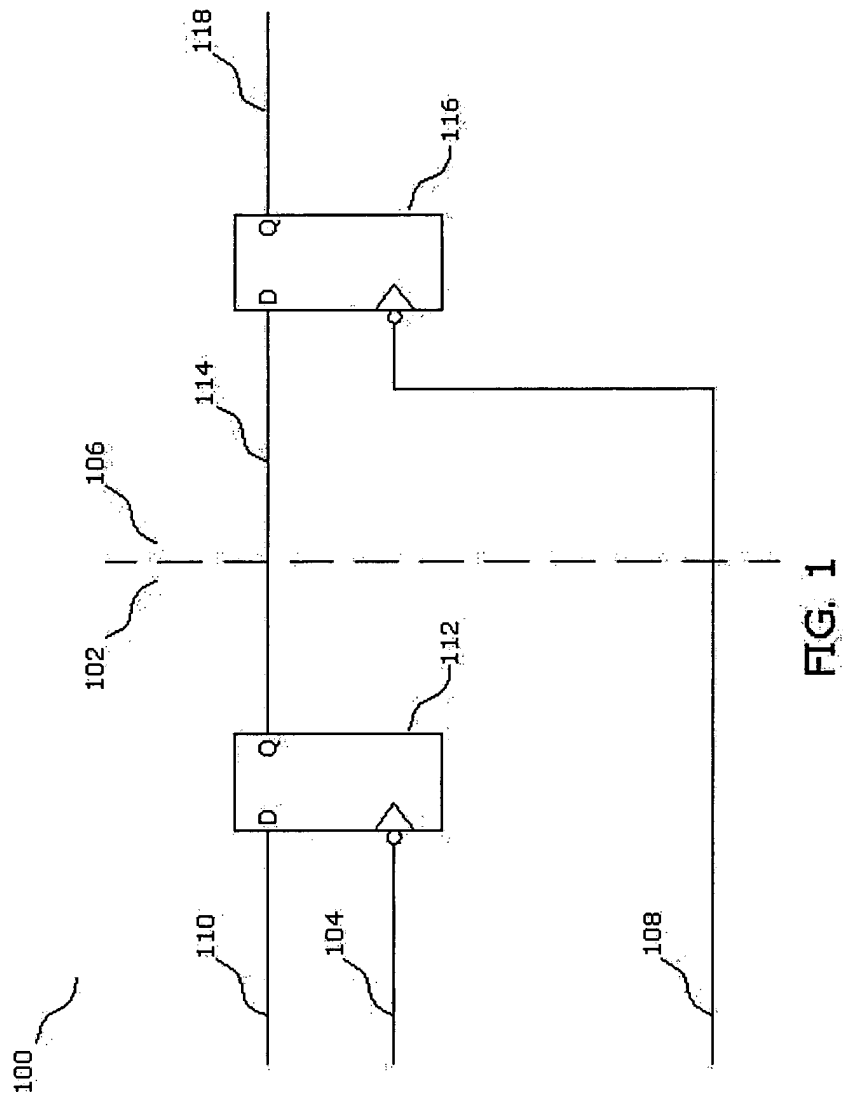


FIG. 1

SYNCHRONIZER APPARATUS FOR  
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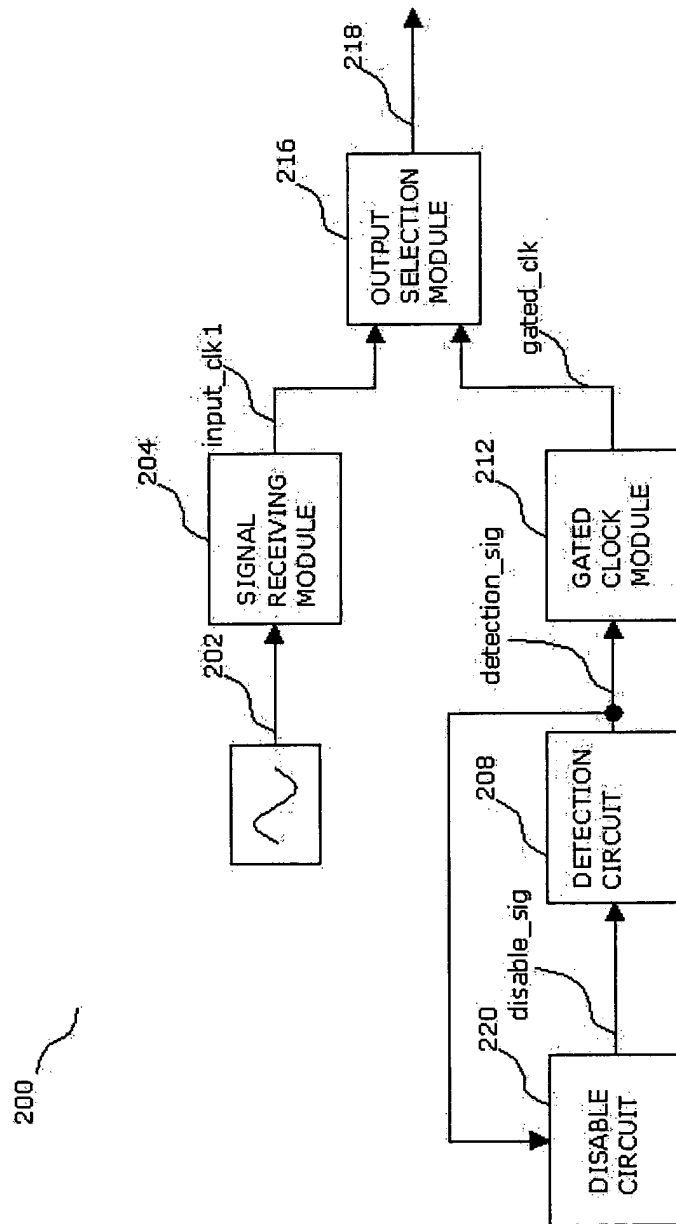


FIG. 2

SYNCHRONIZER APPARATUS FOR  
SYNCHRONIZING DATA FROM ONE CLOCK  
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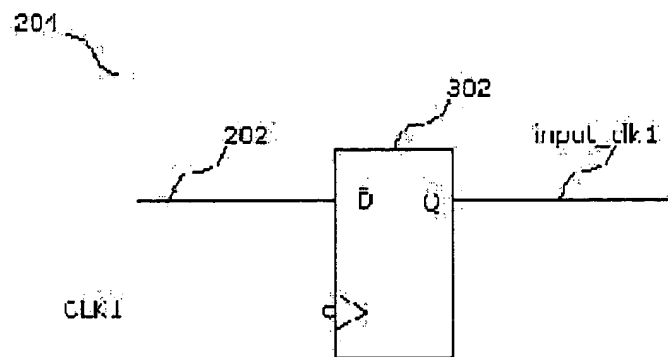


FIG. 3

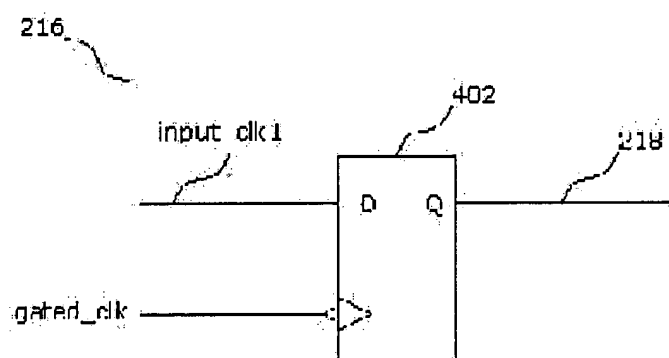


FIG. 4

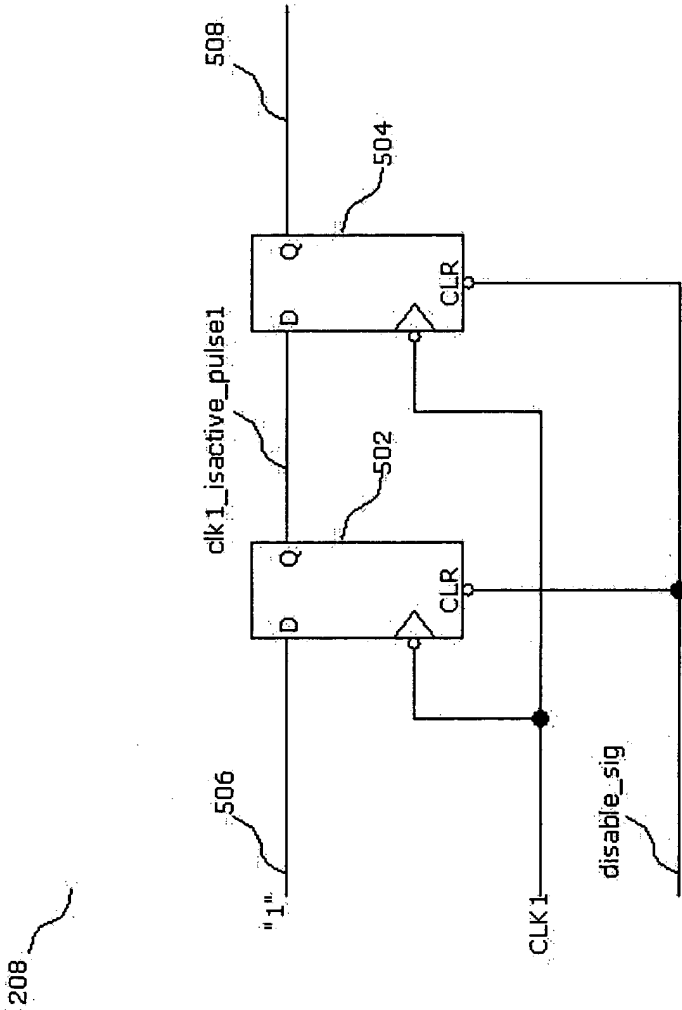


FIG. 5

SYNCHRONIZER APPARATUS FOR  
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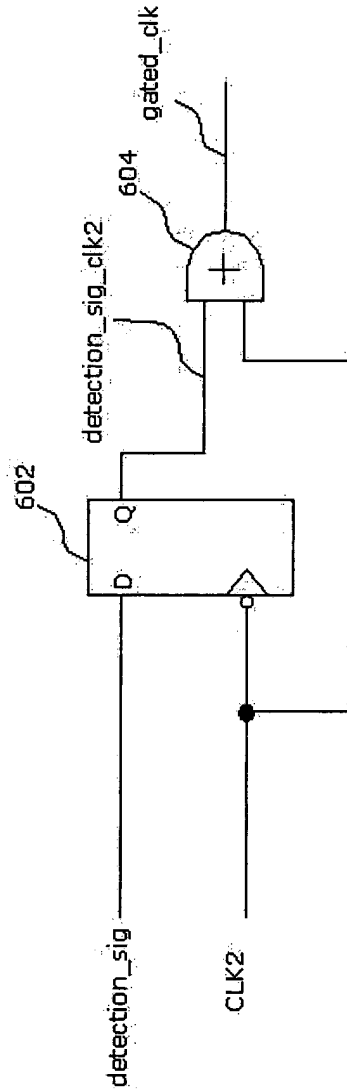


FIG. 6

SYNCHRONIZER APPARATUS FOR  
SYNCHRONIZING DATA FROM ONE CLOCK  
DOMAIN TO ANOTHER CLOCK DOMAIN  
Inventor: Richard L. Duncan

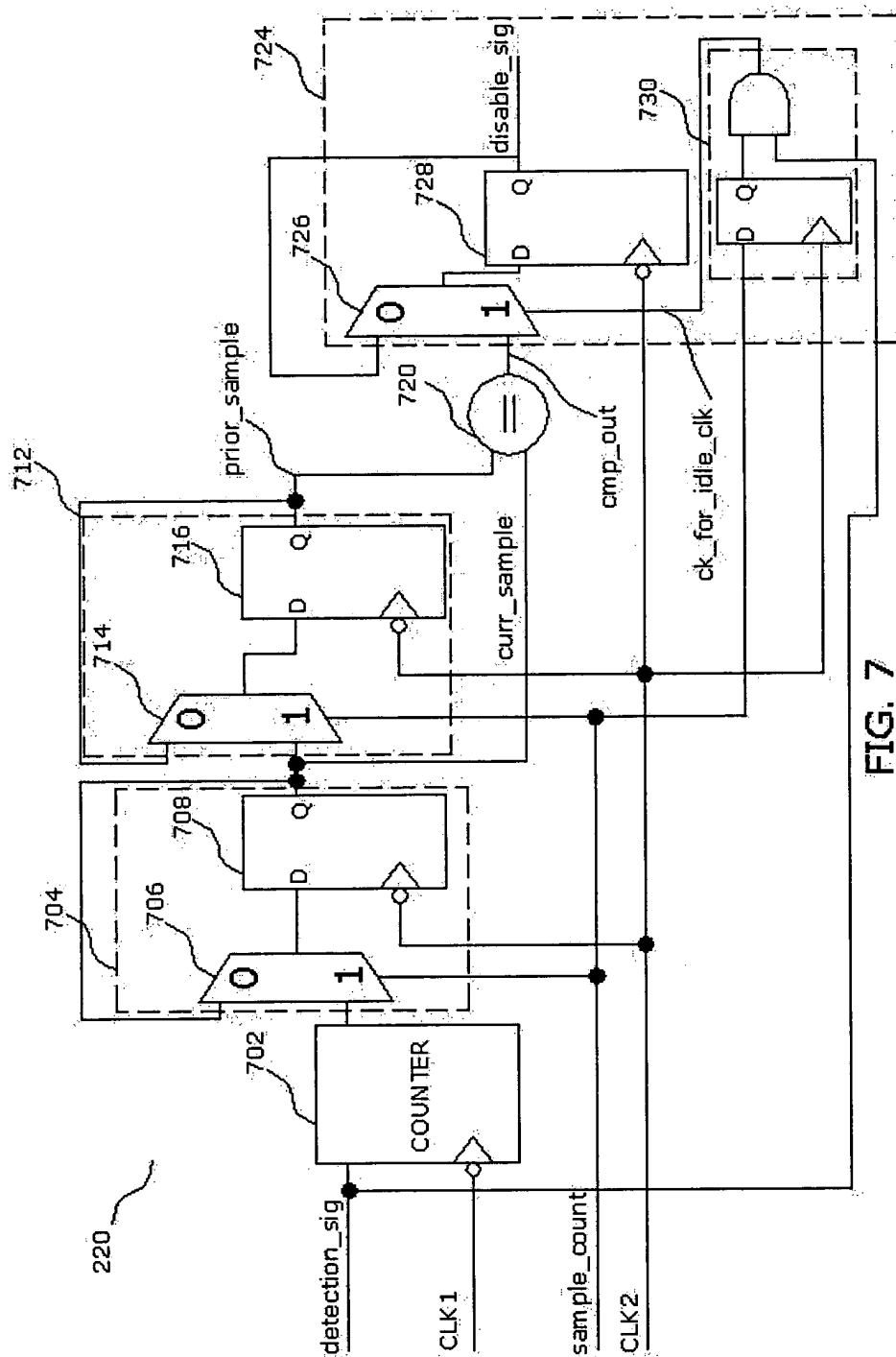


FIG. 7

SYNCHRONIZER APPARATUS FOR  
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Inventor: Richard L. Duncan

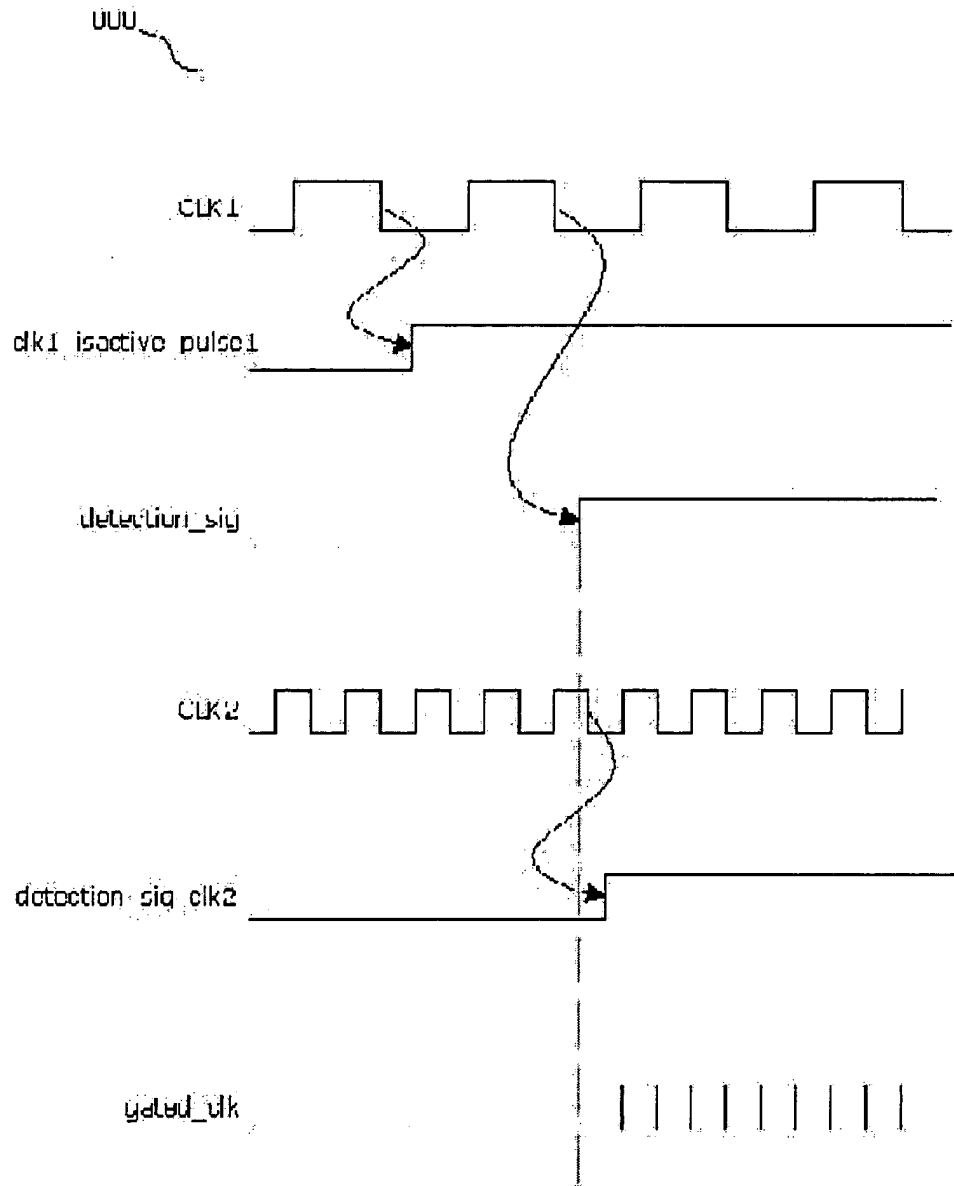


FIG. 8

SYNCHRONIZER APPARATUS FOR  
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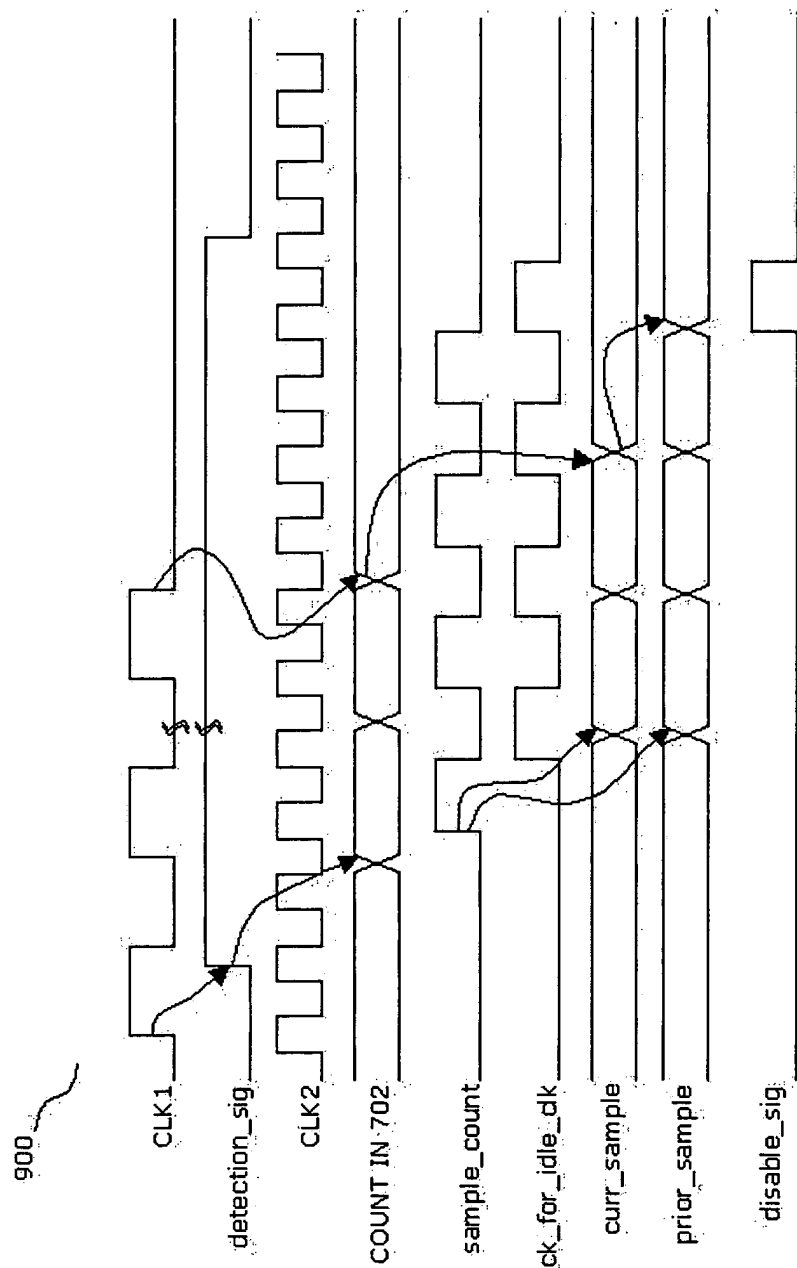


FIG. 9



SYNCHRONIZER APPARATUS FOR  
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Inventor: Richard L. Duncan

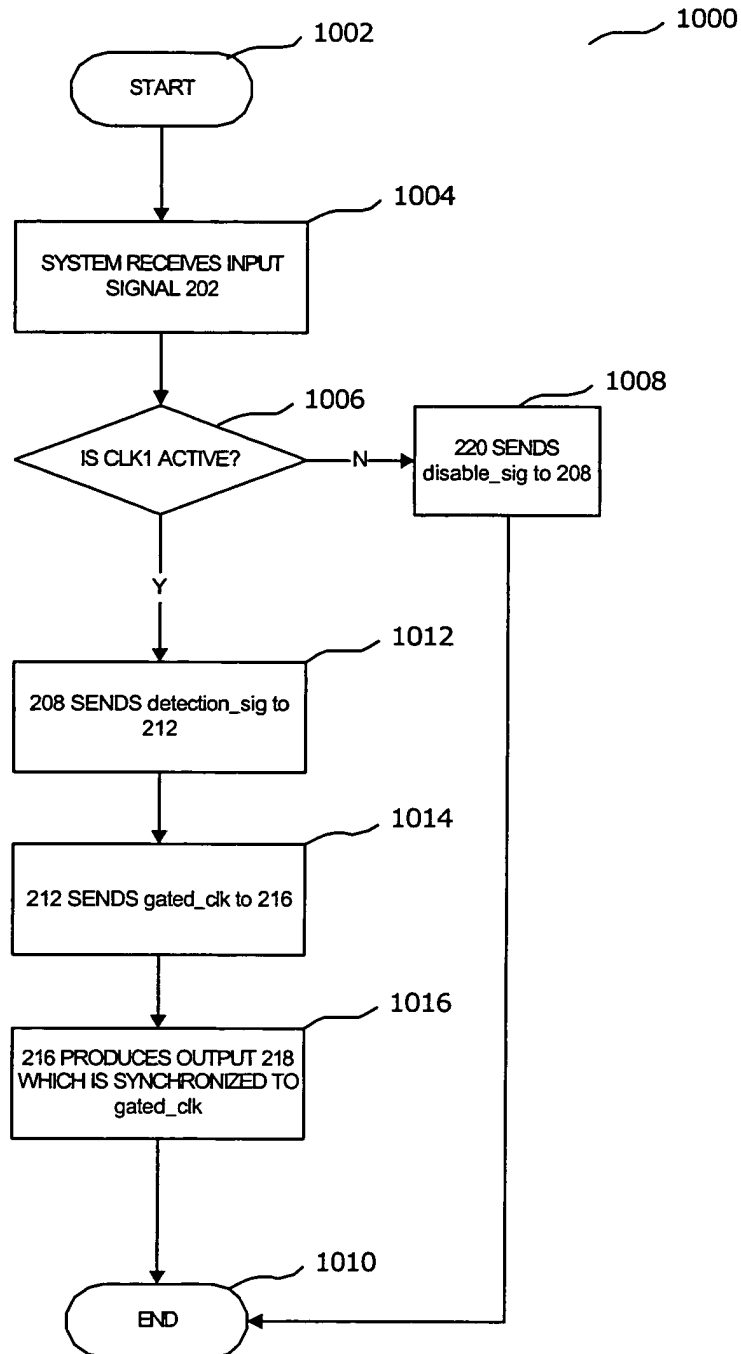


FIG. 10